

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Vernon M. Williams

**Serial No.:** Not Yet Assigned

**Filed:** July 15, 2003

**For:** STEREOLITHOGRAPHIC  
METHODS FOR SECURING  
CONDUCTIVE ELEMENTS TO  
CONTACTS OF SEMICONDUCTOR  
DEVICE COMPONENTS

**Confirmation No.:** Unknown

**Examiner:** Unknown

**Group Art Unit:** Unknown

**Attorney Docket No.:** 2269-4208.8US  
(99-0316.08/US)

**NOTICE OF EXPRESS MAILING**

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Person making Deposit: Matthew Wooton

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The present application is a continuation of application Serial No. 10/108,972, filed March 28, 2002, pending, which is a divisional of application Serial No. 09/843,118, filed April 26, 2001, now U.S. Patent 6,468,891, issued October 22, 2002, which is a divisional of application Serial No. 09/511,986, filed February 24, 2000, pending.

Pursuant to M.P.E.P. 2001.06(b), the Examiner is respectfully requested to consider the information of record in the prior applications, and to confirm in the first Office Action on the

**Attorney Docket No. 2269-4208.8US**

merits that such art has in fact been reviewed. A PTO-1449 or PTO/SB/08 form listing all of the information of record in the prior applications is enclosed herewith.

This Information Disclosure Statement is filed within three (3) months of the filing date of the above-identified application, and no certification pursuant to 37 C.F.R. § 1.97(c) or a fee pursuant to 37 C.F.R. 1.17(p) is required.

Respectfully submitted,



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Date: July 15, 2003

BGP/dlm:djp

Enclosures: Form PTO-1449 or PTO/SB/08

Document in ProLaw

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)  
**4208.8US (99-0316.08/US)**Application Number  
**To be assigned**Applicant **Vernon M. Williams**Filing Date **July 15, 2003**Group Art Unit  
**To be assigned****U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,138,672	02/1979	Kepchar			
	4,511,595	04/1985	Inoue			
	4,526,807	07/1985	Auerbach			
	4,578,155	03/1986	Halliwell et al.			
	4,695,258	09/1987	Hanson et al.			
	4,891,635	01/1990	Hata			
	4,954,873	09/1990	Lee et al.			
	5,007,576	04/1991	Congleton et al.			
	5,079,974	01/1992	Weiss et al.			
	5,141,680	08/1992	Almquist et al.			
	5,173,220	12/1992	Reiff et al.			
	5,174,943	12/1992	Hull			
	5,264,061	11/1993	Juskey et al.			
	5,278,442	01/1994	Prinz et al.			
	5,344,298	09/1994	Hull			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	63-160351	07/1988	Japan				
	0 493 307 A2	07/1992	Europe				
	2001-217614	08/2001	Japan				

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages, Etc.)

MILLER, Doyle, "New Laser-Directed Deposition Technology," HDI, p. 16 (August 2001).

MILLER, Doyle, et al., "Maskless Mesoscale Materials Deposition," HDI, pp. 20-22 (September 2001).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)  
4208.8US (99-0316.08/US)Application Number  
To be assigned

Applicant Vernon M. Williams

Filing Date July 15, 2003

Group Art Unit  
To be assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,461,769	10/1995	McGregor			
	5,484,314	01/1996	Farnworth			
	5,501,824	03/1996	Almquist et al.			
	5,510,066	04/1996	Fink et al.			
	5,541,367	07/1996	Swamy			
	5,545,367	08/1996	Bae et al.			
	5,569,349	10/1996	Almquist et al.			
	5,672,312	09/1997	Almquist et al.			
	5,676,904	10/1997	Almquist et al.			
	5,695,707	12/1997	Almquist et al.			
	5,705,117	01/1998	O'Connor et al.			
	5,776,409	07/1998	Almquist et al.			
	5,807,767	09/1998	Stroupe			
	5,855,063	01/1999	Schreiber et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)


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Form PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (Use several sheets if necessary)		Docket Number (Optional) 4208.8US (99-0316.08/US)	Application Number To be assigned
		Applicant Vernon M. Williams	
		Filing Date July 15, 2003	Group Art Unit To be assigned

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,855,836	01/1999	Leyden et al.			
	5,925,931	07/1999	Yamamoto			
	5,969,424	10/1999	Matsuki et al.			
	6,063,641	05/2000	Seki			
	6,081,430	06/2000	La Rue			
	6,096,574	08/2000	Smith			
	6,159,767	12/2000	Eichelberger			
	6,251,488	06/2001	Miller et al.			
	6,296,493	10/2001	Michiya			
	6,312,263	11/2001	Higuchi et al.			
	6,391,251	05/2002	Keicher et al.			
	6,468,891	10/2002	Williams			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages, Etc.)


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